

Synthesis of Telechelic Polyisoprene via Ring-Opening Metathesis Polymerization in the Presence of Chain Transfer Agent

Supporting Information

*Renee M. Thomas and Robert H. Grubbs**

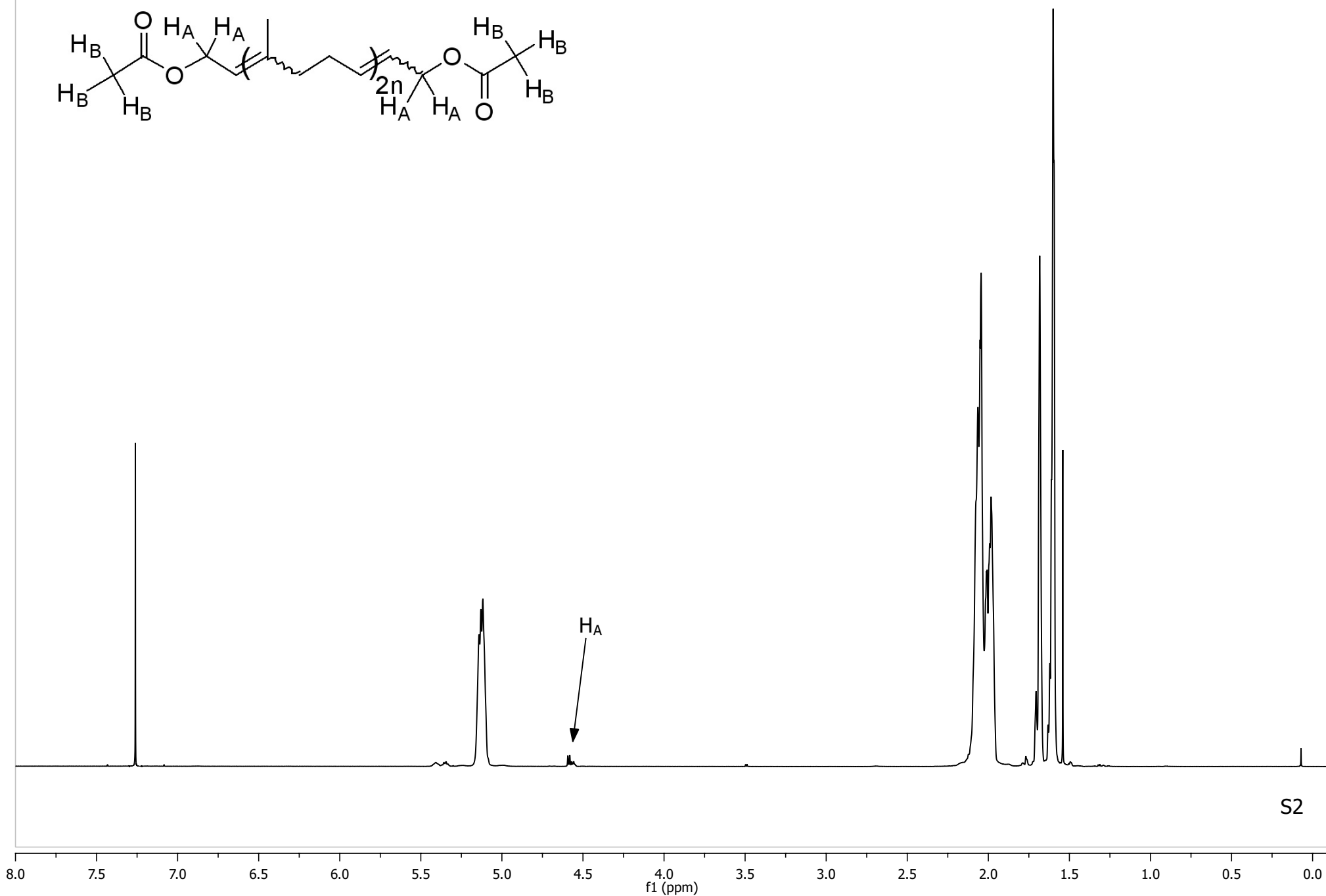
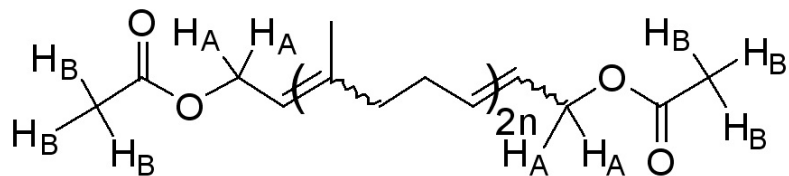
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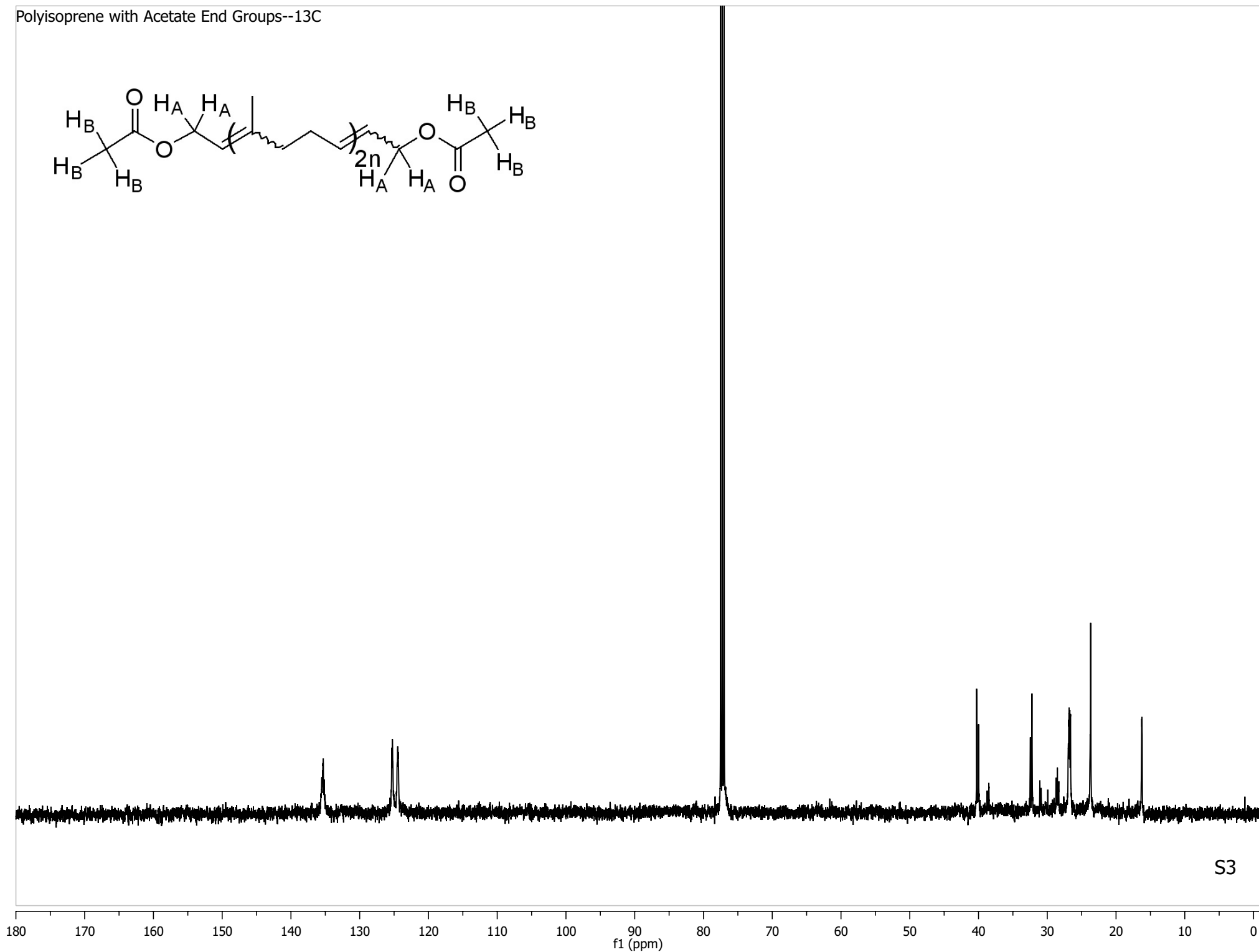
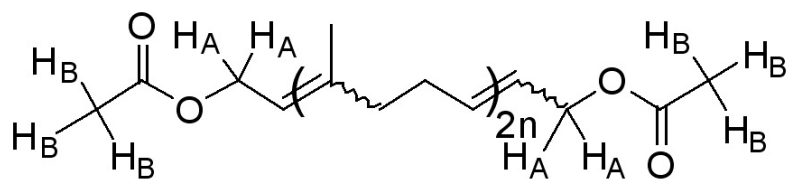
NMR Spectroscopy

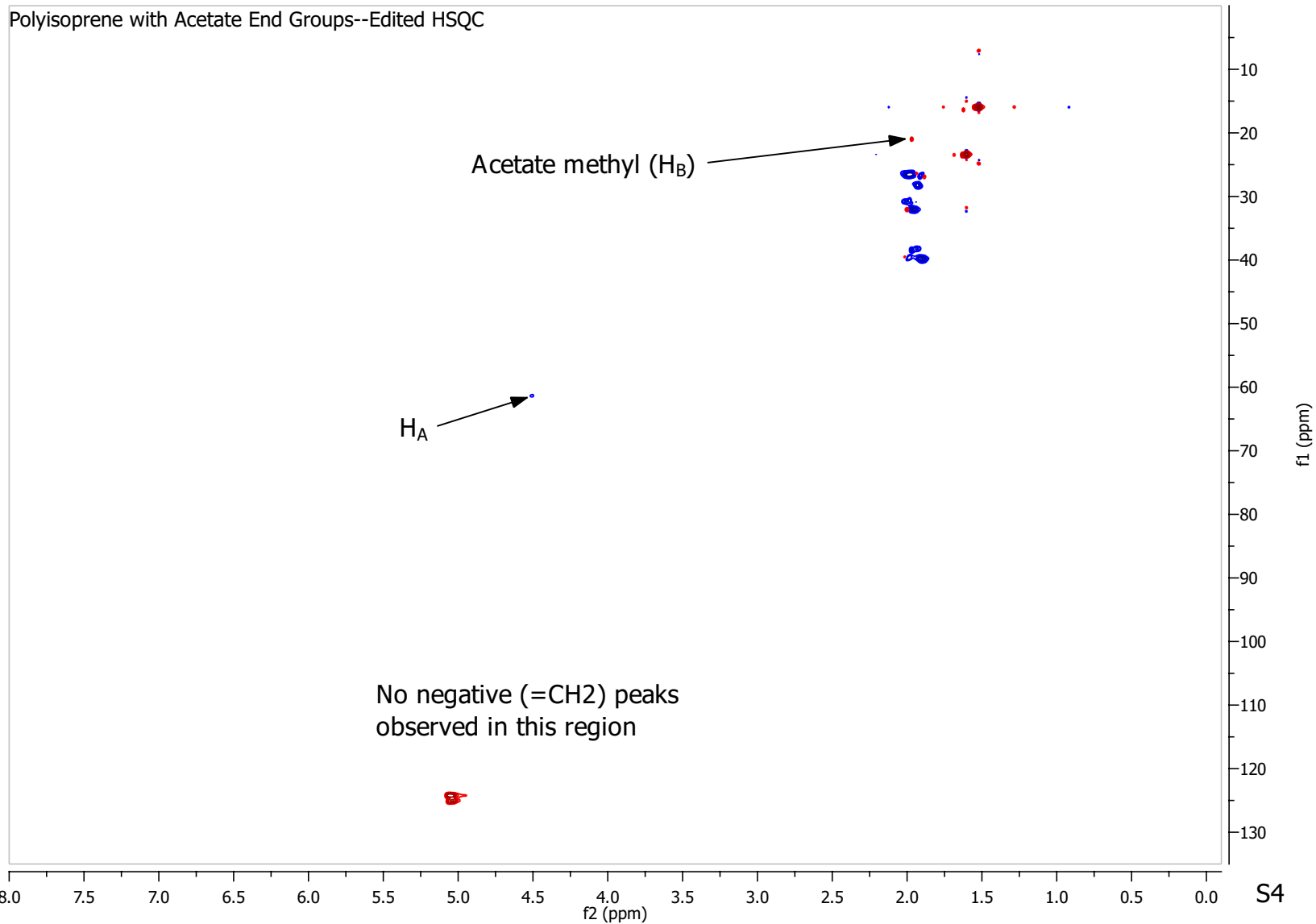
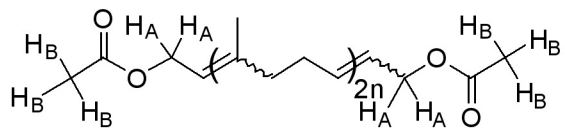
Polyisoprene with Acetate End Groups: Proton	S2
Polyisoprene with Acetate End Groups: Carbon	S3
Polyisoprene with Acetate End Groups: HSQC (edited)	S4
Polyisoprene with Acetate End Groups: HMBC	S5
Polyisoprene with Acetate End Groups: DOESY	S6
Polyisoprene with Hydroxy End Groups: Proton	S7
Polyisoprene with Hydroxy End Groups: Carbon	S8
Polyisoprene with Hydroxy End Groups: HMBC	S9

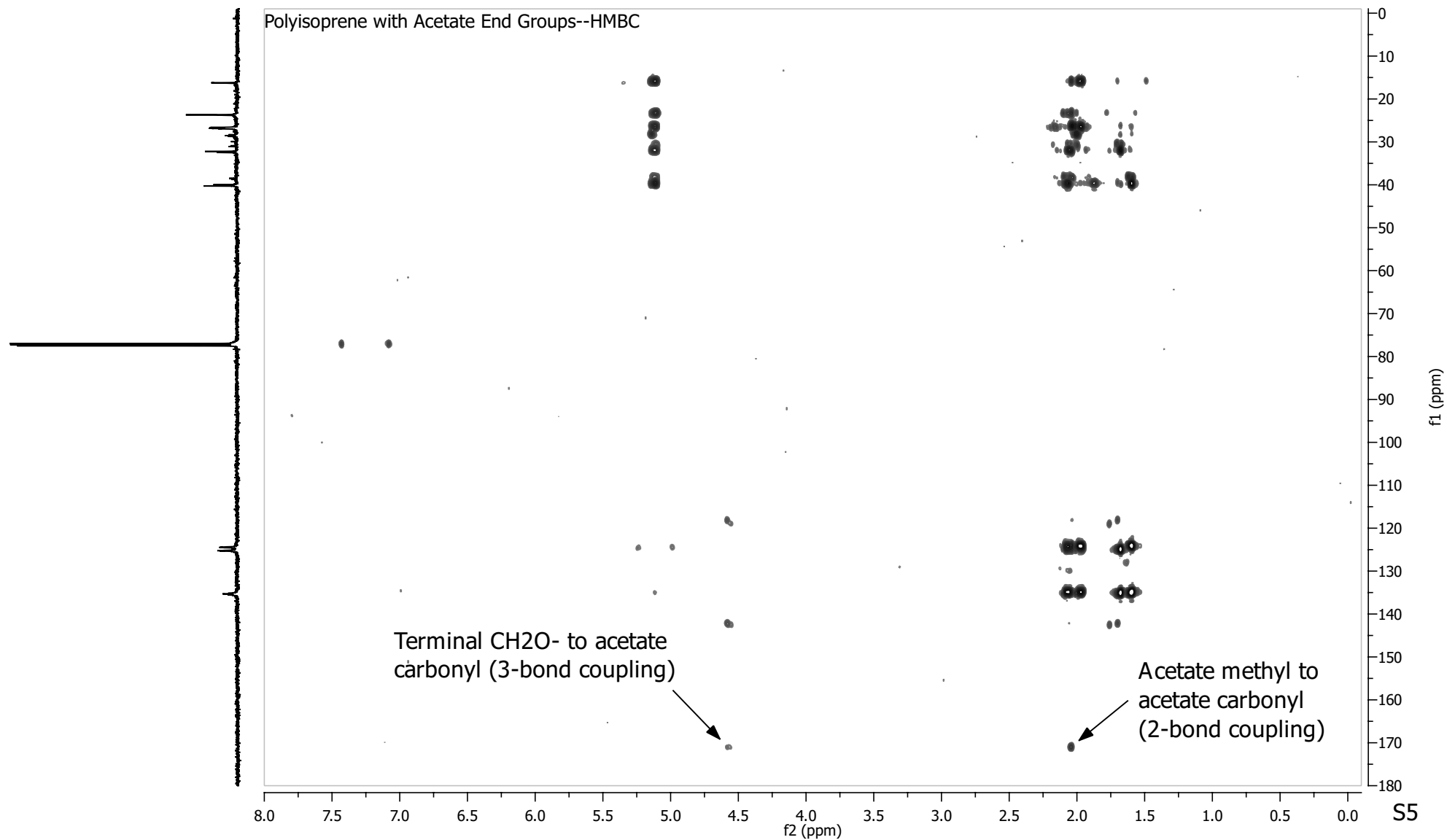
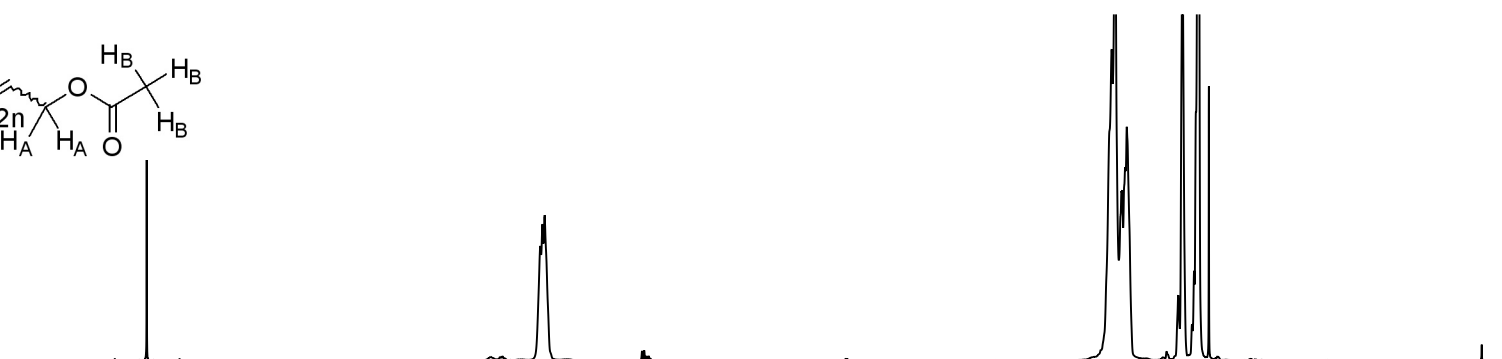
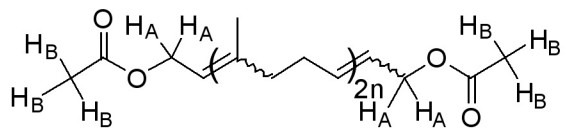
Polyisoprene with Acetate End Groups



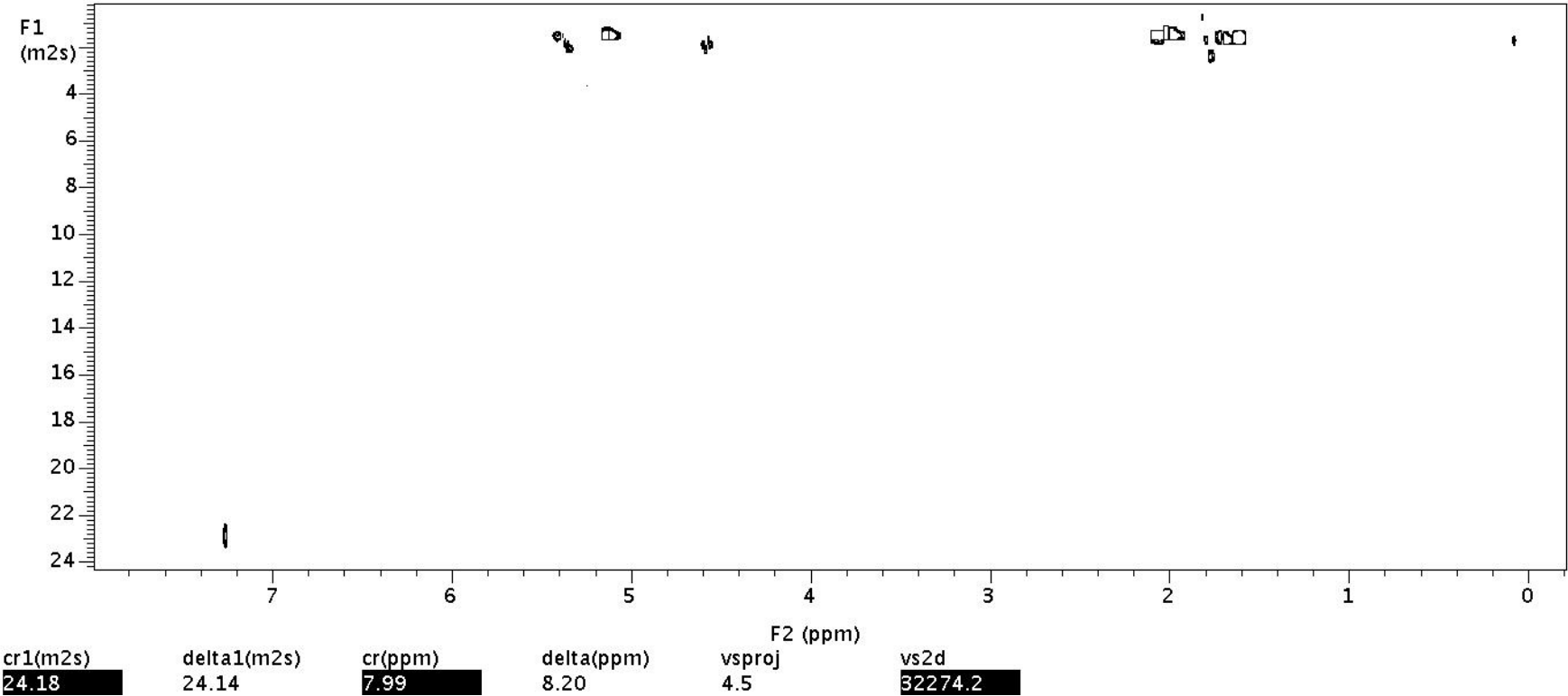
Polyisoprene with Acetate End Groups--¹³C



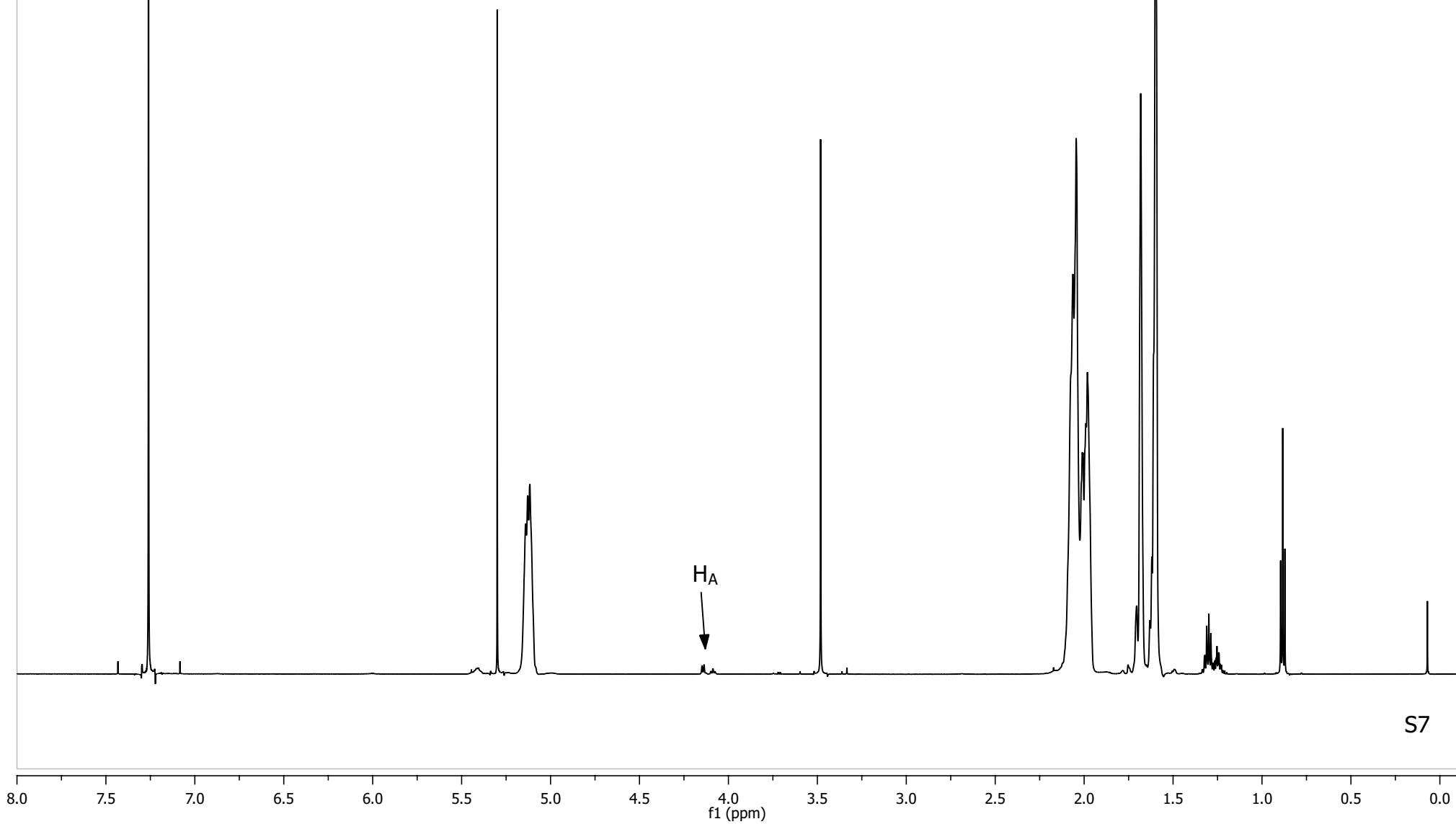
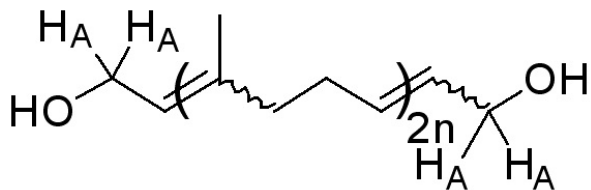




Polyisoprene with Acetate End Groups--DOSY



Polyisoprene with Hydroxy End Groups /methanol and methylene chloride present



S7

Polyisoprene with Hydroxy End Groups

